Protein Syd (syd) Salmonella Paratyphi A Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein syd (syd), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi A Protein syd (syd)
Product Gene Name	syd recombinant protein
Product Synonym Gene Name	syd
Sequence	MDELTAQALK AFTTRYCDAW QEKHGSWPLS EELYGVPSPC IISSTRDAVY WQPQPFEGEE NVNAVERAFD IMVQPALHAF YTTQFAGDMP AQFADEKLTL LQTWSQDDFR RVQENLIGHL VTQKRLKLPP TLFIATQENE LEVISVCNLS GEVIKETLGT RNRTVLAATL AEFLTQLNPL L
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	20,518 Da
Sequence Positions	1-181, Full length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5PEK1
Species	Salmonella paratyphi A (strain 9150 / SARB42)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for syd recombinant protein	MBS1384834 is a recombinant protein targeting syd. Also known as Recombinant Salmonella paratyphi A Protein syd (syd). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of syd recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for syd. It may not necessarily be applicable to this product.

NCBI GI #	446266135
NCBI Accession #	WP_000343990.1
UniProt Primary Accession #	Q5PEK1
GenBank Nucleotide #	WP_000343990.1
NCBI Official Full Name	protein Syd
UniProt Protein Name	Protein Syd

Protein Family	Chromatin structure-remodeling complex protein
UniProt Gene Name	syd
UniProt Comments for syd	Interacts with the SecY protein in vivo. May bind preferentially to an uncomplexed state of SecY, thus functioning either as a chelating agent for excess SecY in the cell or as a regulatory factor that negatively controls the translocase function.
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